

THERMALLY ENERGY EFFICIENT VEHICLE

ABSTRACT OF THE DISCLOSURE

5 A thermally energy efficient vehicle includes a vehicle structure having generally interconnected structural members that form a frame for the vehicle and generally planar interconnected panels that define a shape of the vehicle. The

10 thermally energy efficient vehicle also includes a low transmittance glass window positioned within the vehicle structure which increases a thermal resistance of the vehicle and an energy efficient thermal management system that provides exterior

15 thermal management and interior thermal management for the vehicle, such that the energy efficient thermal management system consumes less thermal energy as a result of the increased thermal resistance of the vehicle.